

1 **CLAIM 5:**

2 A structure for utilizing air currents to drive a rotor mechanism comprising:

3 (a) a housing member having an internal chamber formed in part by a first
4 outer surface on said housing and a second outer surface on said housing, and wherein
5 said first outer surface is translucent to admit sunlight through said first outer surface to
6 said internal chamber and wherein said housing member has an air inlet opening to admit
7 external air from spatial areas outside said internal chamber into said internal chamber, and
8 an air outlet opening to emit air from said internal chamber to spatial areas outside said
9 chamber;

10 (b) air-driven rotor member having a central rotatable axle affixed to a position
11 adjacent said air outlet opening, said rotor member having a set of rotor blades affixed to a
12 portion of said rotatable axle for receiving incoming wind from spatial areas outside said
13 chamber and wherein said rotatable axle has a second set of rotor blades to receive the
14 impact of air escaping from said internal chamber in said housing through said air outlet
15 opening.

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1 **CLAIM 6:**

2 A structure for utilizing heat generated air currents and wind power to drive a
3 rotor mechanism comprising:

4 (a) a housing member having a first outer surface and a second outer surface
5 member having an internal chamber adjacent said first outer surface within said housing
6 member, with said first surface being translucent to admit sunlight into said chamber, and
7 wherein said housing member has an air inlet opening and an air outlet opening, said air
8 inlet opening and said air outlet opening both extending between said internal chamber and
9 spatial areas outside said housing;

10 (b) first air movement sensitive rotor means affixed on a rotor shaft movement
11 adjacent to said air outlet opening to receive the air flow emitted from said air outlet
12 opening from said chamber for rotating said rotor shaft;

13 (c) second air movement rotor means affixed to said rotor shaft to be driven by
14 wind currents from outside said housing member.

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1 **CLAIM 7:**

2 A structure for utilizing heat generated air currents and wind power to drive a
3 rotor mechanism comprising:

4 (a) a housing member having an internal chamber formed in part by a first
5 outer surface on said housing and a second outer surface on said housing, and wherein
6 said first outer surface is translucent to admit sunlight through said first outer surface to
7 said internal chamber and wherein said housing member has an air inlet opening to admit
8 external air from spatial area outside said chamber into said chamber, and an air outlet
9 opening to eject air from said internal chamber.

10 (b) first air movement sensitive rotor means affixed on a rotor shaft movement
11 adjacent to said air outlet opening to receive the air flow emitted from said air outlet
12 opening from said chamber for rotating said rotor shaft;

13 (c) second air movement rotor means affixed to said rotor shaft to be driven by
14 wind currents from outside said housing member;

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18 Patents:SolaWind.Doc

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